



TECHNICAL DATA SHEET

HW14116 Dunbar

V Collection

USAGE: (SEE HAVWOODS QUICK REFERENCE GUIDE TO CHOOSING THE CORRECT FLOOR).



PRODUCT DETAILS

Product Code	HW14116
Product Range	V Collection
Construction	Engineered
Specie	European Oak(Quercus Robur)
Pattern	1-Strip
Process	Stained
Finish	Matt Lacquered
Profile	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Top Layer	2.5mm European Oak(Quercus Robur)
Backing	Pine Backing(Pinus sylvestris)
Thickness	14mm (1/2")
Width	180mm (7 1/8")
Length	2200mm (86 5/8")
Pack Size	2.77m ²
Grade	Character
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

INSTALLATION METHODS

Fully Bonded	Yes* (recommended)
Nailed	No
Floated on underlay	No
Over Underfloor Heating	Yes*# (Please ask for our technical guidelines)

GRADING CRITERIA

Typically, character grade will include both heartwood and sapwood and allows a wider range of colour variation. Knots are larger and you should expect checks (cracks across the growth ring). The colour of the filler is intended to complement the natural structure of the wood, where features such as knots are in contrast to the surrounding timber, and it may vary from batch to batch.

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. Please ask for further details.

TECHNICAL CRITERIA

Origin	Europe
Responsible Certification	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emission	0.04 ppm - TSCA VI Compliant
Slip testing	57/28 PTV (CEN/TS 15676:2007)
Critical Radiant Flux	Class II - ASTM E 648
Thermal Conductivity	λ 0.13 W/m K (EN 12664)



* Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

** This product may require on-site sanding prior to applying a suitable finish

Temperature of top-face must never be allowed to exceed 27°C. UFH protocol to control temperature conditions is recommended.

‡ Pack lengths will either 1950mm or 2400mm dependant upon stock availability.

INSTALLATION AND WARRANTY All Havwoods floors must be installed by a competent installer who will have the necessary skills and take individual site circumstances into account. Havwoods warranty will apply only to floors which have been installed by a competent flooring installer comparable to NWFA standards or equivalent standards worldwide.

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